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ABSTRACT OF THE DISCLOSURE

Method for planning a telecommunications network for radio equipment including a plurality of cells distributed on a geographic area, each one of which has a set of elementary territory areas (pixels) adapted to receive a radio signal radiated by a respective fixed radio base station, wherein radio equipment located in a cell is subjected to receive signals from common pilot channels broadcast by a plurality of radio base stations. The method includes, for each cell, the estimation of the interference level provided by nearby cells to the traffic offered to pixels of the cell related to the power difference between pilot channels broadcast by the base station of the cell and pilot channels broadcast by base stations of nearby cells. Such estimation is obtained depending on the amount of traffic expected in the examined pixels.